

In the Claims:

1. (previously amended) A system for nonlinear viewing of television segments comprising:

a television broadcast transmitter including means for generating and transmitting main uncompressed broadcast television signals and separate ancillary uncompressed broadcast television signals with separate television show segment related to said main television signals;

a television receiver system for receiving said main television signals and for receiving and storing in a cache memory the uncompressed broadcast ancillary television signal including the separate television show segment; and

selective means at the television receiver for providing either the uncompressed broadcast main television signals or the uncompressed broadcast ancillary television signals with the separate television show segment to a display of said television receiver.

2. (previously amended) The system of Claim 1 including means for generating an icon on a television receiver display indicating the presence of the stored uncompressed broadcast ancillary signals and means at the television receiver for accessing said store signal in said cache memory using said icon.

3. (previously amended) The system of Claim 1 wherein said uncompressed broadcast ancillary signal is broadcasted in the vertical blanking interval of the main uncompressed broadcast signal and said receiver receives the uncompressed broadcast ancillary signal during the vertical blanking interval.

4. (previously amended): The system of claim 1 wherein said television signals are transmitted over a digital television channel subdivided into several subchannels of

multiplexed signals and wherein one of said subchannels contains said main uncompressed broadcast television signals and the other subchannels provide ancillary uncompressed broadcast signals.

5. (previously amended) The system of Claim 4 wherein said main uncompressed broadcast subchannel carries the control data for updating and removing old subchannel segments and storing new ones.

6. (previously amended) The system of Claim 1 wherein said separate uncompressed broadcast ancillary television signal contains short television signal segments related to the main uncompressed broadcast signals and said cache stores said segments and said main uncompressed broadcast signals and contains control data providing means for removing and storing said segments and said receiver system includes means responsive to said control data for storing said segments and removing said short segments from said cache memory.

7. (previously amended): The system of Claim 1 wherein said uncompressed broadcast ancillary signals include ancillary and command and control signals.

8. (cancelled): The system of Claim 7 wherein said main signals are data compressed segments and the ancillary signals are in the sidebands between said main signals.

9. (cancelled): The system of Claim 1 wherein said main signals are data compressed segments and the ancillary signals are in the sidebands between said main signals.

10. (previously amended) The system of Claim 1 wherein said main uncompressed broadcast signals and ancillary uncompressed broadcast signals are different parts of a high definition uncompressed broadcast television signal.